

## Water, Water Everywhere...

WHAT IS SO SPECIAL ABOUT SLEEPING BEAR DUNES NATIONAL Lakeshore? And why do over one million visitors per year flock to this part of Lake Michigan? Well, Sleeping Bear Dunes just happens to be one of the most scenic portions of this Great Lake shoreline. Its massive glacial headlands, diverse habitats, and superb water resources offer a broad range of recreational and inspirational experiences for everyone. In the forests, on the beaches, and even along the roads, one can find native plants and animals important to the region – some of which are even endangered, threatened, rare, or declining in the Great Lakes ecosystem. Did you know that the historic maritime and agricultural landscapes throughout the National Lakeshore are of a size and quality that are unique on the Great Lakes and rare elsewhere on the U.S. coastline? These are just some of the reasons why this park is significant and so special. And even more special is the one thing that connects them all – WATER!

The Great Lakes (Michigan, Superior, Huron, Erie, Ontario) and their connecting waterways account for about 18% of the world’s surface freshwater (second only to the polar ice caps!), granting them status as one of the natural wonders of the world. The waters played a defining role in the region’s history and still support its primary economic activities - including agriculture, industrial manufacturing, steel production, shipping, commercial and sport fisheries, recreation, and tourism. Yet the health of these incredible natural resources is threatened and their future will be determined by how we use the Lakes today.

Every day, Lake Michigan and the other Great Lakes face contamination, invasive (non-native) species, and development. Pollutants and chemicals sometimes close the beaches and kill the fish. Invasive species and increasing development threaten the survival of some native wildlife and plants. Even though the National Lakeshore is a protected area, that protection is limited since water, animals, and plants move about without recognizing boundaries drawn on maps. So, what can we do?

At Sleeping Bear Dunes, the National Park Service (NPS) monitors water quality, removes invasive species, plants native vegetation, removes non-historic structures, and rehabilitates developed sites.

During your visit, you can leave the beach, campsite or trail you used cleaner than when you arrived. Assure that your boat is free of zebra mussels and your shoes free of non-native seeds. Volunteer to help the park reduce threats to the local ecosystem (see page 4). Understand and follow the rules that the NPS posts throughout the Lakeshore, so that visitors arriving tomorrow, next year or in the next century have the same resources (or more!) to enjoy, explore and value.



Top: A ranger guided hike along the Lake Michigan shoreline helps visitors to better understand and appreciate the importance of the lake. Bottom: Resource management employees test for *E. coli* levels and take water samples to monitor the many lakes, rivers and streams found within the Lakeshore.

At home, everyone can conserve energy, recycle, reduce chemicals on our lawns, and buy organic and locally-grown produce. When we take actions every day to protect the Great Lakes, we all benefit from the fresh air, clean and abundant waters, and the beauty that these natural wonders provide. We all have a responsibility to protect and conserve the Great Lakes and Sleeping Bear Dunes for our families, the flora and fauna, and future generations.

For more information, go to [www.epa.gov/glnpo](http://www.epa.gov/glnpo) and [www.nps.gov/slbe](http://www.nps.gov/slbe).

### Greetings from the Superintendent

Welcome to the Sleeping Bear Dunes National Lakeshore! It's a privilege and honor for me to serve as the Superintendent of this magnificent National Park site.

*Sleeping Bear Dunes NL is one of the most scenic and publicly accessible portions of the Lake Michigan shoreline. Some of the Lakeshore's most prominent features include forests, beaches, lakes, dune formations and ancient glacial phenomena in their natural setting. These resources are of global importance due to their relatively unimpacted state, the variety of features present, their proximity to one another, and their protected status. We invite you to enjoy the natural resources in all their splendor, while contemplating the wealth of history that took place here, too. Imagine the shipping traffic through the Manitou Passage, and the coastal and island communities when a boat pulled in for supplies. The park provides for public recreation, inspiration and education while preserving nationally significant natural and cultural resources in perpetuity.*

*Each year, people from all over Michigan, the nation, and foreign countries visit to experience the Lakeshore – one of the most beautiful places in the country! Dunes, trails, lakes, beaches, forests, historic farmsteads, maritime museums, roads, breathtaking views from 450 foot high perched sand dunes and scenic overlooks await visitors to the Lakeshore year-round.*

*The Sleeping Bear Dunes NL staff and volunteers will continue to provide a high quality service to our customers – you, the visitor. We strive to enhance the quality of service provided, while protecting and preserving the natural and cultural resources entrusted to our care. As part of the National Park Service, we consider it a privilege to uphold this mission.*

*We hope that you will assist us in keeping this national treasure a special place – for this, and future generations. Together, as we experience and care for the Lakeshore, we can preserve and protect these outstanding resources!*

*On behalf of the entire staff and volunteers of Sleeping Bear Dunes National Lakeshore – Welcome and enjoy your stay! We wish you a safe, rewarding and memorable experience and hope that you will visit again soon.*

Dusty Shultz  
Superintendent

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### Crystal River ... 4

Sleeping Bear Dunes National Lakeshore experienced a growth spurt this winter. After years of dispute and controversy, 45 acres of environmentally sensitive lands became part of the National Lakeshore. The new lands include 6,300 feet of Crystal River frontage and habitat that the U.S. Fish and Wildlife Service considers globally rare. Read more about the role the Leelanau Conservancy is playing to assist the park in the expansion on page 4.

### Port Oneida ... 5

Each year, Sleeping Bear Dunes National Lakeshore hosts a variety of special events. This year, the park continues the tradition by presenting several events including the Port Oneida Fair on August 5 & 6, 2005. The fair will showcase traditional rural crafts, skills and cultural traditions at various farmsteads throughout the Port Oneida Rural Historic District. Several park partners and scores of VIPs work together to make the fair fun & educational. See page 5 for more details.





**National Park Service**  
U.S. Department of the Interior

### Sleeping Bear Dunes National Lakeshore

Authorized by Congress on October 21, 1970, Sleeping Bear Dunes National Lakeshore encompasses a 35 mi (60 km) stretch of Lake Michigan's eastern shoreline, as well as North and South Manitou Islands. The Park was established to preserve the “outstanding natural features, including forests, beaches, dune formations, and ancient glacial phenomena... for the benefit, inspiration, education, recreation, and enjoyment of the public.” The Lakeshore also contains many cultural features including an 1871 lighthouse, three former U.S. Life-Saving Service/ Coast Guard Stations and an extensive rural historic farm district.

**Mailing Address**  
9922 Front Street  
Empire, MI 49630

**Park Headquarters**  
231-326-5134

**Internet Address**  
www.nps.gov/slbe

**E-mail**  
SLBE\_interpretation@nps.gov

**Fax Number**  
231-326-5382

**View From The Dunes**  
Is published by Sleeping Bear Dunes National Lakeshore, Division of Interpretation & Visitor Services, with funds donated by Eastern National.



# 2005 Fees and Passes

Park Pass (per private vehicle)	\$10.00	Valid for up to seven (7) days
Annual Park Pass	\$20.00	Valid for 12 months from purchase
Per-Person	\$ 5.00	Valid for up to seven (7) days
(foot, bicycle, motorcycle - single rider, noncommercial organized groups)		
Golden Age Passport	\$10.00	Lifetime, U.S. Resident, 62 and Over
Golden Access Passport	Free	Lifetime, Permanent Disability
National Park Pass	\$50.00	Valid for 12 months from purchase

## Commercial Tour Groups

Passenger vehicles (1-6 seats)	\$25.00	All Commercial Tour Passes are valid for the date of entry only.
Van (7-15 seats)	\$40.00	
Mini-Bus (16-25 seats)	\$40.00	
Motorcoach (26+ seats)	\$100.00	

## School Groups

Fees for bona fide educational groups are waived with prior application to the park.

Groups that meet the criteria will be issued an Educational Fee Waiver.

Call 231-326-5134 for information.

### Travel Basics

Sleeping Bear Dunes National Lakeshore is located in Northwestern Lower Michigan along the eastern shoreline of Lake Michigan. The closest city is Traverse City, 25 miles to the east. Travel to the park by car, plane or bus.

**Car: From the south** (Detroit / Chicago area), take US-31, US-131, US-27, I-75 and M-72 north to Traverse City, then west on M-72 to the town of Empire. Also from the south via M-22 from Ludington/Manistee/Frankfort area. **From the North** (Upper Peninsula), take I-75 or US-31 south to Traverse City, then west on M-72 to the town of Empire.

**Plane:** The Cherry Capital Airport in Traverse City (30 miles from the Lakeshore) has connections to Detroit, Chicago, Minneapolis, Cincinnati and New York City. The Traverse City Airport is serviced by Northwest, United, American, and Delta Airlines.

**Bus:** Traverse City has a Greyhound bus station with local bus (BATA) service to Empire.



*Below: The observation platform at Lake Michigan Overlook (Stop #9) along the Pierce Stocking Scenic Drive is a favorite destination for many visitors. Please do not climb down the dune at this location.*




## Mainland Park Facilities and Attractions




### Philip A. Hart Visitor Center

Hours: Open all year, except for Thanksgiving, Christmas and New Years Day.  
Memorial Day to Labor Day (Summer), 8:00 a.m. to 6:00 p.m.  
Labor Day to Memorial Day (Fall, Winter, Spring), 9:00 a.m. to 4:00 p.m..  
Phone: 231-326-5134  
Location: On Highway M-72, 500 feet east of M-22 in Empire.  
Exhibits: An outstanding slide presentation, “Dreams of the Sleeping Bear,” offers a beautiful mix of photography, music and narration, while providing an initial orientation to the park. Museum exhibits explore the geologic, natural history and human stories of the park. An interactive touch-screen kiosk provides general park information.  
Facilities: Eastern National Bookstore/sales area. Public restrooms, water fountain, pay phone.  
 Assistive listening devices and Portable TTY available. Ask at the front desk. Closed captioning is available for the orientation slide show.

### Glen Haven General Store

Hours: May 28 to June 23, 2005, noon to 5:00 p.m., Closed Monday - Thursday  
June 24 to September 5, 2005, noon to 5:00 p.m., Open Daily  
Phone: 231-334-3710  
Location: Historic village of Glen Haven, off of M-109  
Facilities: Operated by Eastern National, this historic general store appears as it did in the 1920s and offers typical general store merchandise and items related to the history of the Glen Haven area including kitchenware, foods, toys, maritime related items and books.  
 Public restrooms are located next to the store. A wireless FM assistive listening device is available. Inquire at the store counter.

### Sleeping Bear Point Maritime Museum

Hours: May 21 to September 5, 2005, Open Daily 10:30 a.m. to 5:00 p.m.  
September 10 to September 30, 2005, Open Daily Noon to 5:00 p.m.  
October 1 to October 16, 2005, Weekends Only  
Phone: 231-326-5134  
Location: At the end of Sleeping Bear Point, off M-109/M-209  
Activities: Daily re-enactment of the U.S. Life-Saving Service rescue techniques. A Lyle Gun firing demonstration occurs once a week. Check the Ranger Programs listing for times. Impromptu interpretive talks are also given throughout the day by park staff & VIPs.  
Exhibits: Exhibits cover the U.S. Life-Saving Service, the U.S. Coast Guard, and Great Lakes shipping history. A room on the second floor is outfitted as a Steamer Wheelhouse with a panoramic view of the Manitou Passage shipping channel.  
Facilities:  A sand-accessible wheelchair is available to access the beach. Contact the park or volunteer staff for information. Public restrooms are also available.

## (See page 6 for information on Manitou Islands & backcountry camping)

### Cannery Boathouse

Hours: May 21 to September 5, 2005, 11:00 a.m. to 4:00 p.m.  
Location: At the bend in the road in the historic village of Glen Haven, off M-109.  
Activities: Volunteer staff available for impromptu interpretive talks.  
Exhibits: Historic boat collection including vessels, motors and equipment.  
Facilities: Public restrooms are available next to the Glen Haven General Store.


### Glen Haven Blacksmith Shop

Hours: June to early October, 2005, Daily depending on available staff, 10:00 a.m. to 4:00 p.m.  
Location: In the historic village of Glen Haven, off M-109.  
Activities: Fully restored 1920s Blacksmith Shop provides blacksmith demonstrations for all ages. Come and see how bars of iron are transformed into beautiful and useful items.  
Facilities: Public restrooms are available next to the Glen Haven General Store.


### Pierce Stocking Scenic Drive

Hours: April 16 through November 13, 2005, 9:00 a.m. to one half hour after sunset.  
Location: From Empire, take M-22 north for 2 miles to M-109, then left on M-109 for 2 miles.  
Facilities: 12 numbered stops are found along this 7.5 mile scenic loop road. Spectacular overlooks of Lake Michigan and the Sleeping Bear Dunes. Public restrooms are available at the entrance parking area, Picnic Mountain, Lake Michigan Overlook and North Bar Overlook. Picnic areas are available at Picnic Mountain and North Bar Overlook.

### Dune Climb

Hours: Open all year, 24 hours a day  
Location: From Empire, take M-22 north for 2 miles to M-109, then left on M-109 for 4 miles.  
Facilities: Great family fun location to climb the dunes. Public restrooms, pay phone, water fountain, and vending machine snacks and drinks are available seasonally.  
 Sand-accessible wheelchair is available at the Dune Center Bookstore. Duneside Accessible Trail begins at the north end of the parking lot.

### Dune Center

Hours: May 28 to June 23, 2005, noon to 5:00 p.m., Closed Monday - Thursday  
June 24 to September 5, 2005, noon to 5:00 p.m., Open Daily  
Phone: 231-334-2010  
Location: At the base of the Dune Climb, off of M-109  
Facilities: Eastern National sales area, featuring T-shirts, sweatshirts, hats, postcards, books, videos, etc. Public restrooms and vending machines available next to the Dune Center.  
 A sand-accessible wheelchair is available for use in the Dune Climb area. Contact the Eastern National sales employee at the front desk.

# Park Regulations

- Visitors to the National Lakeshore are required to purchase a Park Pass.
- Do not drive off established roads.
- Pets are generally permitted within the National Lakeshore. However, they must be kept on a six foot (6') leash at all times. A number of areas are closed to pets.
- Camp only in designated campgrounds, except on North Manitou Island.
- Fires are permitted only in campground fire rings and picnic area grills.
- Beach fires are restricted to bare beach sand between the water's edge and the first dune and are not permitted on North and South Manitou Islands.
- Do not collect ghost-forest wood or other wood on the dunes, or disturb plants or natural objects.
- You may pick a limited quantity of mushrooms and fruit for personal use.
- Bicycles are not permitted off established roads.
- Glass containers are prohibited on any beach or dune area used for sunbathing, swimming, or wading.
- Horses are permitted only on the Alligator Hill Hiking Trail.

- **Descending steep sand dune bluffs causes erosion and is dangerous. Please stay on established trails.**
- **For the protection of Piping Plover nesting areas, portions of North Manitou Island, Glen Haven, Tiesma beach, and Platte Point beach are closed each spring. Visitors can walk around the closed areas, which are signed and roped. Contact a Ranger if you have questions.**
- **Bicyclists planning to ride the Pierce Stocking Scenic Drive should consider their abilities and the condition of their bicycle before starting. The Scenic Drive is a challenging bicycle tour and contains several steep uphill and downhill grades. Stay to the right side of the roadway and ride defensively.**

## Important Notice for Stop #9 on the Pierce Stocking Scenic Drive

The National Park Service has begun efforts to restore damaged dunes at this location. Please help us with this effort by staying on the boardwalks. Climbing on the steep rocky bluff is hazardous and serious injuries are common. Foot traffic, combined with natural forces, has severely eroded the bluff and the dune. For your safety and to protect the natural features, please do not climb at this location. The Dune Climb is recommended as a safer location for climbing.

# Fees Help Sleeping Bear

Welcome! Sleeping Bear Dunes National Lakeshore is being cared for today and preserved for future generations by the American people. This dual objective of use and preservation comes at a price: protecting our natural and cultural heritage while ensuring that everyone has a safe, enjoyable and educational experience costs money.

Even as the number of visitors to National Parks continues to climb due to the increased popularity of these national treasures, government funding available for facilities and services has not kept pace with demand. To address this, between 1997 and 2004 Sleeping Bear Dunes collected entrance and camping fees as part of the Recreation Fee Demonstration Program. In 2004, Congress passed the Federal Lands Recreation Enhancement Act. This new Act allows for the continued collection of recreation fees beginning in 2005. The fees collected will continue to help spread some of the costs for managing parklands among those who use them.



Managing public lands is a major financial investment. While most of that investment comes from the general tax base, those who use this park for recreation derive a greater benefit from and place a greater burden upon park resources than the public at large. These fees redistribute that burden so that users pay an increased share of the costs.

Eighty percent (80%) of the fees collected will remain in the park where they are collected, with the remainder being distributed to other parks as needed. The money collected at Sleeping Bear Dunes National Lakeshore has been and will continue to be used for:

- Repairs, maintenance, and facility enhancement related directly to visitor enjoyment, visitor access and health & safety.
- Interpretation, visitor information, visitor services, visitor needs assessments, and signs.
- Habitat restoration directly related to wildlife-dependent recreation that is limited to hunting, fishing, wildlife observation, or photography.
- Law enforcement related to public use and recreation.

The future of these public lands rests with all American citizens. The action we take today will reflect the price we are willing to pay to pass these lands on to future generations, protected and in better health. We need and appreciate your support. **Thank You**

**USERFee**  
*improves this park*



## Park Campgrounds

### Platte River Campground

Make a reservation by calling 1-800-365-2267 (CAMP)  
Season: Open All Year (Reservations accepted during the summer months)  
Location: Just off of M-22, 12 miles south of Empire, MI.

Platte River Campground offers many different styles of camping. There are regular and pull-through sites with electricity for RVs, beautifully wooded & private tent campsites, walk-in tent sites, and group campsites that can accommodate up to 25 people. Flush bathrooms and hot showers are available in each of the four loops of the campground. Shower tokens are available at the Ranger Station; 2 tokens for a dollar, with each token providing 3 minutes of hot water. Each site is equipped with a tent pad, picnic table and fire ring. The firewood concession is open during the evenings. A dump station for RVs is located at the entrance to the campground. Of the 179 campsites available in the campground, 43 sites and 5 group sites are reservable through the National Park Reservation Service. Individual campsites may be reserved May 27 to September 5, 2005. Group campsites may be reserved May 6 to October 1, 2005.

Campsite Fees:	Walk-in Campsite	\$12.00 per night
	Regular Campsite	\$16.00 per night
	Group Campsite	\$40.00 per night
	Electricity	\$5.00 per night

Golden Age and Golden Access Passport holders receive one half off Walk-in and Regular Campsite fees. This discount does not apply for group campsites or for the nightly fee for electricity.

### D.H. Day Campground

Season: Open April 1 to November 27, 2005  
Location: Along M-109, just east of Glen Haven and 6 miles north of Empire, MI.

D.H. Day Campground is Sleeping Bear Dunes National Lakeshore's rustic drive-in campground. If your family enjoys a slightly more rugged camping experience, then D.H. Day is worth checking out. With 88 wooded and private campsites and easy access to Lake Michigan beaches, the campground offers an excellent setting. All campsites at D.H. Day are first-come, first-serve (no reservations). Each site is equipped with a tent pad, picnic table and fire ring. The firewood concession is open during the evenings. Vault toilets and water spigots are found throughout the campground. A dump station for RVs is located at the entrance to the campground. Generator use is permitted in sites 1 thru 31 from 9:00 a.m. to 6:00 p.m. only.

Campsite Fees:	Regular Campsite	\$12.00 per night
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Golden Age and Golden Access Passport holders receive one half off the nightly camping fee.

### D.H. Day Group Campground

Make a reservation by calling 1-800-365-2267 (CAMP)  
Season: Open All Year (Reservations required during the summer)  
Location: Along M-109, just north of the Dune Climb, then turn west on Harwood Road.  
Harwood Road is not plowed during the winter.

D.H. Day Group Campground is separate from the regular campground and contains 4 campsites that can accommodate up to 25 people each. These sites are reservable through the National Park Reservation Service from May 27 to October 1, 2005. During the rest of the year the campsites are available first-come, first-serve. Each campsite is equipped with numerous picnic tables and a fire ring. A firewood concession is not available at the campground, so campers should plan to visit the wood concession at the D.H. Day Campground during the evening.

Campsite Fees:	Group Campsite	\$30.00 per night
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During the winter when the water is turned off, camping fees are reduced to \$15.00 per night.

## Evening Programs



When the rush of a summer day is done and the shadows grow longer, enjoy the cool relaxed early evening while you explore some of the National Lakeshore's most interesting and beautiful locations with a ranger. Programs range from traditional campfire talks to walks to see wildlife, hear night sounds, or visit historic sites. Programs end in time for you to enjoy the sunset from a new and dramatic location.

Evening programs begin in late June and continue through Labor Day. **A schedule of program titles, times, and locations is updated monthly and is available at the Philip A. Hart Visitor Center and campground ranger stations.**

Programs are not just for campers. All visitors to the park are invited to attend.

For programs given at the Platte River Campground, parking is available at the Ranger Station lot. The amphitheater is reached by paved trail or stairway which leaves from the parking lot. For directions to handicap accessible parking located behind the amphitheater, please inquire at the Ranger Station.

For programs given at the D.H. Day Campground, parking is available by the log cabin at the rear of the campground. It is then a short walk along the loop road to access the amphitheater.



# Crystal River Lands Added to the Lakeshore

SLEEPING BEAR DUNES NATIONAL Lakeshore Superintendent Dusty Shultz is pleased to announce that new lands have been added to the National Park Service (NPS). After decades of perseverance by a wide variety of individuals and organizations dedicated to the preservation of the Crystal River, 104 acres of environmentally sensitive lands will become part of the National Lakeshore.

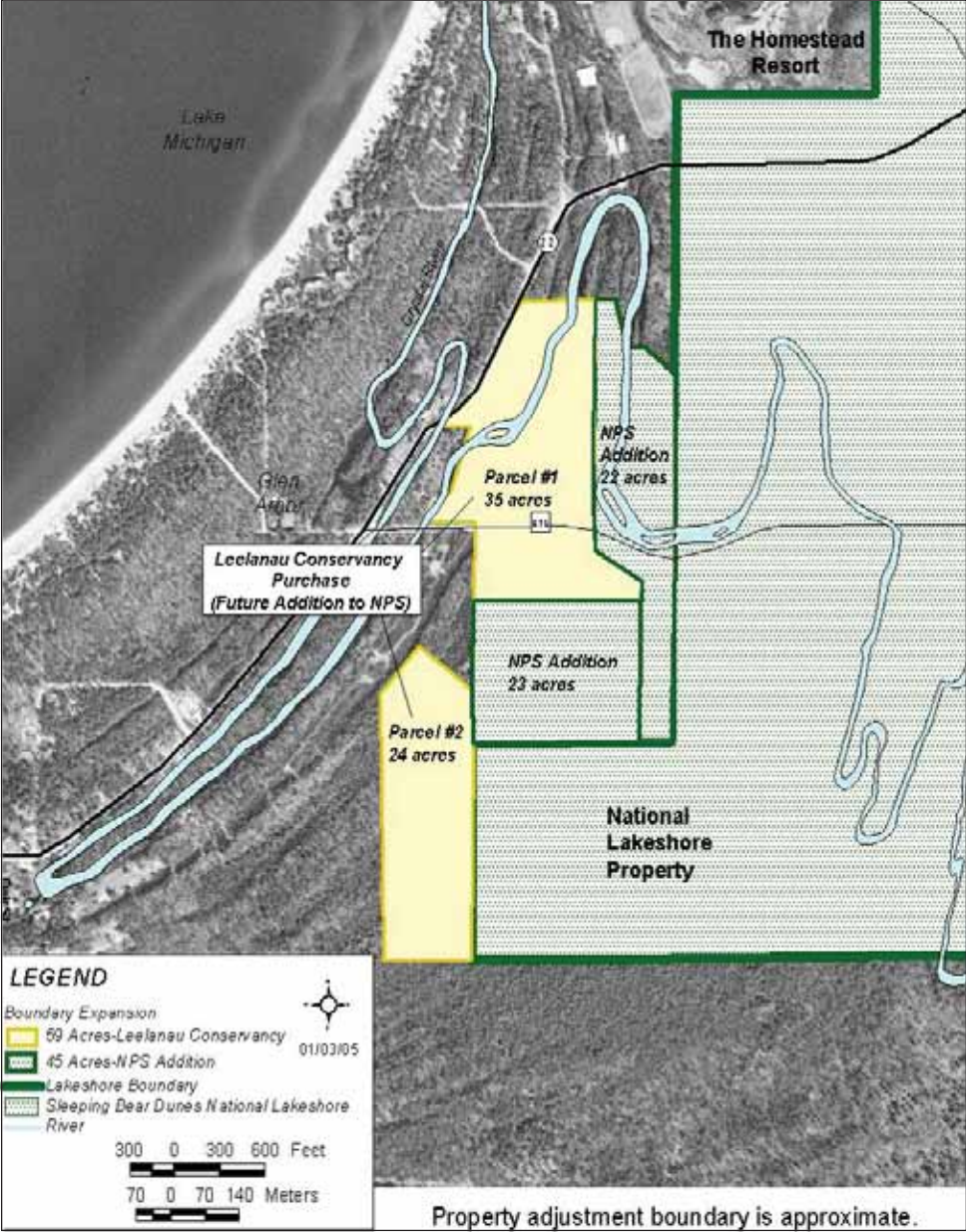
On May 28, 2004, President George W. Bush signed Public Law 108-229 to expand the boundary of Sleeping Bear Dunes National Lakeshore along the Crystal River owned by The Homestead, a resort that adjoins the Lakeshore. The public law authorizes the NPS to acquire the land on a willing seller basis and precludes acquisition by exchange. As land is acquired by the Park Service, the boundary of the park will be revised. Currently, 45 of the 104 acres have been purchased by the federal government, expanding the park's boundary. The remaining 59 acres were bought by the Leelanau Conservancy, a land trust whose mission is to protect the land, water and scenic character of Leelanau County. They will protect the acreage until federal funding is available for the NPS to buy back the land.

The addition includes 6300 feet of Crystal River frontage and important wetland, riparian and upland habitat for a variety of plant and animal species. The majority of the land and its accompanying river frontage is sensitive “dune and swale” topography. The area is recognized by the U.S. Fish and Wildlife Service as “globally rare habitat.” The U.S. Army Corps of Engineers noted the significance of the Crystal River and its surrounding area stating, “We consider the Crystal River to be an aquatic resource of national significance due to the rarity of the habitat types and the close proximity of the site to a National Lakeshore and Lake Michigan.” The new addition also provides a natural backdrop for recreational river users and exceptional vistas for visitors who are hiking, biking or driving on nearby trails and roads. We invite you to be among the first visitors to float through your new national parklands. Please ask any National Park Service employee how to best access the Crystal River.

The acquisition of the Crystal River property has resolved nearly 20 years of dispute and controversy to preserve and protect the river from development e.g., golf course, homes. Sleeping Bear Dunes

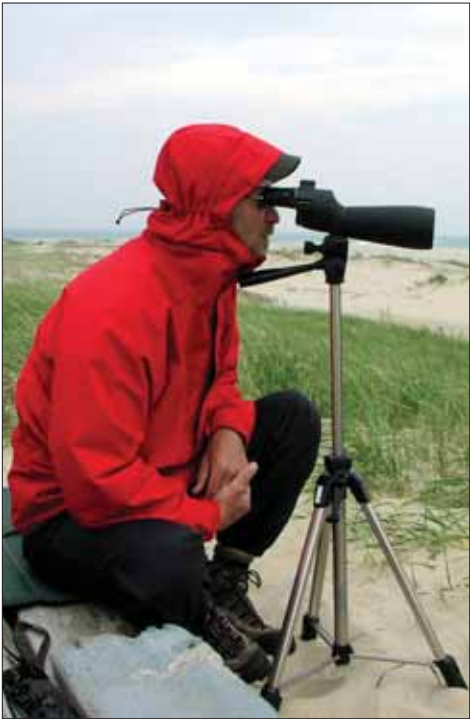
National Lakeshore is pleased to be able to preserve and protect this beautiful, ecologically fragile resource as part of the National Park System. The Crystal River, which is so near and dear to the hearts of many, clearly deserves this protection for its preservation. The National Park Service would like to extend special appreciation and thanks to the Leelanau Conservancy for their major financial and supportive role; to The Homestead for their recognition and willingness to preserve this special place; to the Congressional

Delegation, especially Senators Carl Levin and Debbie Stabenow and Congressman Dave Camp for their determination and dedication to authorize the boundary expansion; and to the Friends of the Crystal River and local conservation groups for their resolve and perseverance. Area residents and visitors to Sleeping Bear Dunes National Lakeshore have much to celebrate in 2005 with this milestone achievement!



## Make a Difference - Be a Volunteer!

AMERICANS HAVE ENJOYED A LOVE affair with their National Parks since Yellowstone, the first National Park in the world, was created in 1872. Now you can help care for your parks by joining the 145,000 people nationwide who volunteer their time and talents each year.



In 2004, at Sleeping Bear Dunes National Lakeshore, 742 Volunteers-in-Park (VIPs) donated 24,656 hours of work, valued at over \$420,000. VIPs assisted in all facets of park operations. Whether acting as campground hosts, staffing visitor centers and museums, assisting researchers and biologists, enhancing our website, or maintaining trails and historic buildings, volunteers provide invaluable and necessary support to the Lakeshore. VIPs are truly very important people!

This year, VIPs are being recruited for special events including the annual Barn Workshop (June) and the Port Oneida Fair (August). Individuals and groups may wish to volunteer to map locations of, and remove invasive plant species (lyme grass, baby's breath, Canada and bull thistles, purple loosestrife, and

leafy spurge), collect seeds of native species, or work on preserving some of the park's historic structures. Other VIPs, who can commit to a set amount of time throughout the summer, are needed to monitor the endangered bird, the piping plover, as it nests on Lakeshore beaches, and to assist the park's water quality specialist in collecting water samples throughout the park.

If you are interested in becoming more involved at Sleeping Bear Dunes National Lakeshore, you, too, can make a difference. For more information and an application form, please contact Volunteer Coordinator, Lisa Myers at 231-326-5134 ext. 300. For opportunities throughout the National Park System, please go to [www.volunteer.gov/gov](http://www.volunteer.gov/gov).



Left: A volunteer monitors the status of a nesting pair of endangered piping plovers. Above: Students from Glen Lake Community Schools help to cleanup an old dump site. Below: D.H. Day Campground Hosts are on the job ready to serve the the many campers who overnight in the park each year.





# Come Enjoy the 4th Annual Port Oneida Fair!

ON AUGUST 5TH AND 6TH, AMID THE pastoral setting of meadows, maples, barns, and farmhouses, the Port Oneida Rural Historic District awakens from its peaceful slumber and comes alive with activity true to the time when it was a community of robust settlers. Visitors are invited to step back in time at the Port Oneida Fair to experience life as it was in the late 1800s and early 1900s. Presented by the Friends of Sleeping Bear Dunes, through a grant from the Michigan Council for Arts and Cultural Affairs, and hours of dedication by volunteers and local artisans, the event will showcase traditional rural crafts and life skills.



Visitors may take the trolley, drive, hike, or bike to six unique historic sites for a variety of activities. One can almost imagine the life of the pioneers as the clip clop of horse and buggy is heard toting visitors down Port Oneida Road on a tour of the historic homes, schoolhouse, barns and outbuildings. Timber framers, antique boat builders, potters, blacksmiths and quilt makers will all be demonstrating their crafts. Children may try their hands at



crosscut sawing, washing clothes with a hand wringer, and other farm chores they only read about in books. Oxen and horse teams will be cutting, loading and stacking hay in some fields while artists in other fields create paintings inspired by the cultural landscape. Pack a picnic lunch to eat on the trail or at a farm or purchase food from vendors at certain sites.

Interpreting the history of Port Oneida is an important aspect of the fair. Park rangers and local history experts will share stories on the trolley and at various farms throughout the District. Enjoy exhibits on antique bicycles, cameras, and phonographs. Learn about spinning, basket weaving, soap making, butter making, candle dipping, and fur trapping. Satisfy your curiosity and walk through several farmhouses, barns, and the one-room schoolhouse that will be open for tours. Gather friends and family together and attend the community barn dance! See the event schedule for date and time.

The National Park Service would like to thank the Friends of Sleeping Bear Dunes, Preserve Historic Sleeping Bear, Glen Lake Schools, Leelanau Historical Museum, Glen Arbor Art Association, Shielding Tree Nature Center, Leelanau Conservation District, and the Glen Arbor Chamber of Commerce for their dedicated partnerships in presenting the fair. For more information, please call the park at 231-326-5134.

## Free Ranger Programs

“We had a wonderful time at Sleeping Bear Dunes NL. We didn’t expect all the great activities to participate in. We had a fun time learning on Ranger Joanne’s Heroes of the Storm program.”

“I love coming to the park and going on a walk with a park ranger. I always learn something new and appreciate Sleeping Bear Dunes more every time.”

THESE ARE JUST TWO OF THE MANY comments received from visitors about their experiences attending ranger programs. Every summer, a knowledgeable cadre of National Park Rangers assists visitors in exploring, discovering and learning more about the fascinating features of Sleeping Bear Dunes National Lakeshore in a variety of settings.



2005 Special Events Calendar	
Event Date & Time	Description of Event
June 18 & 19, 2005 9:00 a.m. to 5:00 p.m. daily	Michigan Barn Preservation Network Workshop Martin Basch Farmstead, Baker Rd. off M-22 & Basch Rd.
June 25, 2005 1:00 p.m. to 3:00 p.m.	Book Signing - “Tears of Mother Bear” Glen Haven General Store
July 17, 2005 7:00 p.m. to 9:00 p.m.	Annual Dune Climb Concert At the base of the Dune Climb
July 22, 2005 1:00 p.m. to 3:00 p.m.	Book Signing - “To Keep the South Manitou Light” Glen Haven General Store
August 5, 2005 1:00 p.m. to 3:00 p.m.	Book Signing - “Seasons of Sleeping Bear” Glen Haven General Store
August 5 & 6, 2005 10:00 a.m. to 5:00 p.m. daily	Port Oneida Fair Port Oneida Rural Historic District
August 20, 2005 10:00 a.m. to 5:00 p.m.	U.S. Life-Saving Service Festival Sleeping Bear Point Maritime Museum
August 20, 2005 1:00 p.m. to 3:00 p.m.	Book Signing - “Complete Guide to Petosky Stones” Glen Haven General Store
September 24, 2005 9:00 a.m. to 12:00 p.m.	Coastal Clean-up Day Locations to be announced
October 8 & 15, 2005 7:30 p.m. to 9:30 p.m.	Historic Beach Patrol Hikes Sleeping Bear Point Maritime Museum
October - November 2005 Various Hunts / Dates	North Manitou Island Deer Hunt North Manitou Island
Each year Sleeping Bear Dunes National Lakeshore hosts a variety of special events. This year is no exception! From the Barn Preservation Workshop in June to Historic Beach Patrols in October, there is something happening every month. For more information about any of these special events, call the park at 231-326-5134.	



Join them on a sunset walk along the beach, a talk about maritime rescues on Lake Michigan, a walk back in time in Glen Haven, or an evening program in a campground amphitheater.

Everyone is invited to join the rangers on any of the programs offered. Please check activity listings at campground ranger stations and the Visitor Center.

### You Should Hear What You’ve Been Missing

Hearing Assist devices are available to help improve the quality of your visit to Sleeping Bear Dunes National Lakeshore. Ask at the following locations or call 231-326-5134:

- Philip A. Hart Visitor Center**
- Hearing Amplification at the Desk
  - Portable Wireless FM Amplification Devices for Ranger Program & Activities.
  - Compact TTY for the Pay Telephone

- Platte River Campground Office**
- Portable Wireless FM Amplification Devices for Ranger Programs & Activities

- D.H. Day Campground Office**
- Portable Wireless FM Amplification Devices for Ranger Programs & Activities

- Glen Haven General Store**
- Portable Wireless FM Amplification Devices for Ranger Programs & Activities





# What is the Emerald Ash Borer?

DID YOU BRING A SUPPLY OF FIREWOOD with you for your campfire? If so, we need your help in dealing with a serious problem that has the potential to destroy all of the ash trees in the forests of northern Michigan. A recent insect invader from Asia, known as the Emerald Ash Borer, has hitchhiked its way to nearby counties. The affected counties are currently under State of Michigan quarantine, making it illegal to transport ash wood, including firewood, outside the quarantine area.

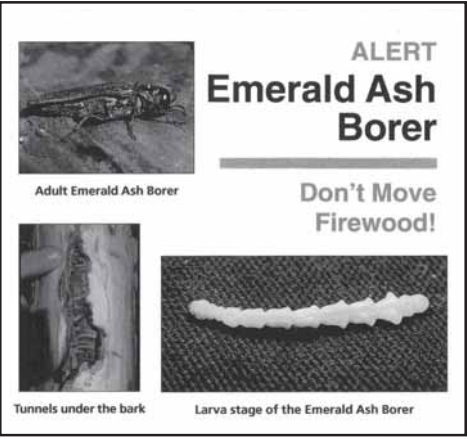
We prefer that you don’t bring your own firewood with you, but if you have, please do the following to prevent the borer’s spread:

- Do NOT unload the firewood on the ground at your campsite.
- Place the wood directly from your vehicle into the fire so the insect cannot spread along the ground.
- Do not brush sawdust and pieces of the bark to the ground but carefully place them in the fire. These too can harbor the borer.

- Burn your wood completely.
- Take any unused firewood with you when you leave.

Firewood can be collected from dead and down trees in the park and is also available for purchase from the firewood concessions at Platte River and D.H. Day campgrounds. The wood from this area is free of the Emerald Ash Borer and we’d like to keep it that way.

Thank you for your cooperation!



# Phantom of the Forest

COUGARS HAVE EXPANDED THEIR geographic range into several Midwestern states in recent years. A number of sightings and observations of sign have been reported in the lower peninsula of Michigan. Observations of cougars and their sign have similarly been reported in the Sleeping Bear Dunes National Lakeshore area. National Park Service staff are conducting surveys to determine cougar presence in the Lakeshore through a scientifically credible collection of evidence. The study will also determine the minimum number of cougars that might be present.

Starting in November 2004, biologists and volunteers deployed five motion-activated cameras at baited stations in the park. They were set up at selected sites where cougars were reported previously and in areas with high white-tailed deer activity. (Cougars prey mainly on deer.) Cameras are relocated every 2-4 weeks to ensure

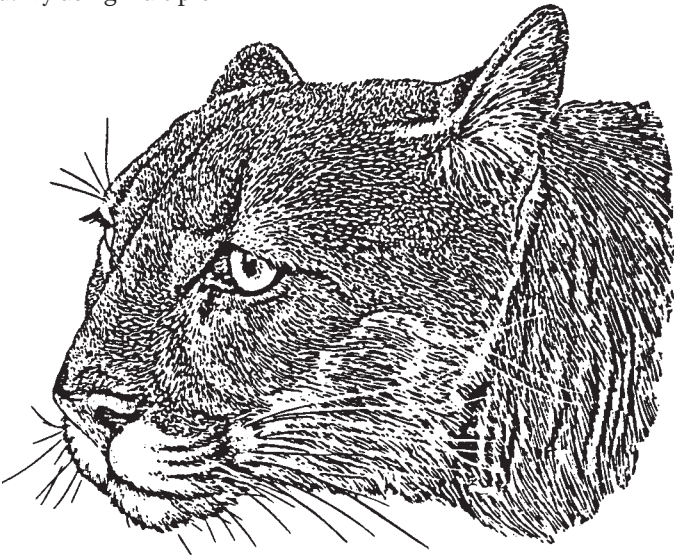
coverage throughout the Lakeshore. Later, two more cameras were added and all seven contributed to over 800 total camera-nights through April of 2005. No images of cougars were taken; however, some of the species that were photographed included bobcat, red fox, raccoon, coyote, domestic dog, and white-tailed deer.

Staff also conducted snow track surveys during January, February, and March of 2005. They traversed trails and unplowed roads throughout the Lakeshore each month. In total, approximately 300 miles (482 km) of trails and roads were covered during these surveys. There was no evidence of cougar presence found. Species detected in the track surveys included bobcat, domestic dog, coyote, red fox, and several other smaller carnivores. During the study months, biologists investigated several local reports of cougar sightings and sign as well. Cougar sign

could not be verified at any of the reported sighting locations.

The rationale for the intensity of the camera and track surveys was to ensure that adequate effort was expended to verify or refute the presence of cougars in the Lakeshore during the time the study was conducted. By using multiple

techniques or ‘lines of evidence’ (i.e., cameras and track surveys) over six months, the biologists increased the likelihood of detecting cougars thus far. No physical evidence has been obtained through this study to verify continued cougar presence at Sleeping Bear Dunes National Lakeshore.



## Lake Michigan Beach Fires

Beach fires are permitted only on the mainland beaches of Lake Michigan between the water’s edge and the first dune. Please do not build fires on or near vegetation. You can help by extinguishing your fire with water and cleaning up all debris before leaving. Thank you for helping us keep the beach fire tradition from dirtying up the beaches.

## Traveling to the Manitou Islands

The lure of the Manitou Islands is irresistible for many Lakeshore visitors. As guardians of the Manitou Passage, North and South Manitou Islands have beckoned to people throughout history. Today, visitors are drawn to the islands to stroll through the historic Coast Guard villages and enjoy the secluded beaches. Still others come to day-hike the trails or backcountry camp in the wilderness setting of the islands.

Access to North and South Manitou Islands is by private boat or by passenger ferry service operated by Manitou Island Transit. The ferry service operates from the Fishtown Dock located in Leland, Michigan. The ferry operators have been servicing the islands for many generations and the company is still run as a family business today.



For Passenger Ferry reservations, contact  
Manitou Island Transit at:  
231-256-9061  
For Information: [www.leelanau.com/manitou/](http://www.leelanau.com/manitou/)

Between June and August, the ferries for each island leave daily from the Fishtown Dock in Leland at 10:00 a.m. Reservations are recommended. Plan to arrive at the Fishtown Dock 45 minutes prior to departure (Leland is located 27 miles north of Empire on M-22).

**South Manitou Island:** The motor vessel *Mishe-Mokwa* sails for South Manitou Island and lays over for five hours before returning to Leland. This gives day-use visitors time to explore some of the 22 miles of trails on the island and take advantage of the motorized island tour, which is also operated by Manitou Island Transit. The ferry departs at 4:30 p.m. and arrives back at Leland at 6:00 p.m. **Note: The lighthouse will be closed for repairs most of the 2005 season.**

**North Manitou Island (overnight backcountry stay required):** The motor vessel *Manitou Isle* sails for North Manitou Island. Upon arrival, the ferry remains at the dock just long enough to exchange passengers and cargo before returning to Leland. Visitors to the island can see the historic Coast Guard village, and backcountry camp in nearly 15,000 acres of pristine wilderness.

## Backcountry Camping

Backcountry camping within Sleeping Bear Dunes National Lakeshore is available in designated sites on the mainland and South Manitou Island and as described below on North Manitou Island. Purchase of a Backcountry Permit is required. Backcountry campsites are limited to four (4) people and two (2) tents per site. Pets and bicycles are prohibited. Fires are permitted only in established fire rings. Gather only dead and down wood. Treat all water obtained from backcountry sources.

Group camping is permitted on North and South Manitou Islands. Group campsites on South Manitou Island are limited to 20 people. Group camping on North Manitou Island is limited to 10 people. Between Memorial Day and Labor Day, Group Campsites on South Manitou Island must be reserved through the National Park Reservation Service. CALL 1-800-365-2267, or make a reservation on-line at: <http://reservations.nps.gov>.

Fees	Backcountry Permit (4 people & 2 tents)	\$5.00 per night
	South Manitou Backcountry Group Permit	\$20.00 per night
	North Manitou Backcountry Group Permit	\$10.00 per night

**White Pine Backcountry Campground:** Located on the mainland, White Pine is situated in the southern portion of the National Lakeshore, about 2.5 miles north of the Platte River Campground. There are six (6) campsites and one (1) fire ring. Passes and permits may be obtained at the Platte River Campground and at the Philip A. Hart Visitor Center in Empire.

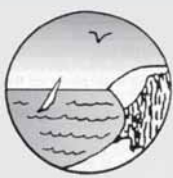
**Valley View Backcountry Campground:** Also located on the mainland, Valley View is situated in the northern portion of the National Lakeshore. Access to the trailhead from Highway M-22 is by way of Hyland Road, 2 miles north of Glen Arbor, Michigan. Hiking distance from the trailhead to the campground is 1.5 miles (up hill!). There are five (5) campsites and two (2) fire rings. Passes and permits may be obtained at the D.H. Day Campground (summer only) and at the Phillip A. Hart Visitor Center in Empire. There are no water sources, so all water must be packed in.

**South Manitou Island:** Designated backcountry campsites are available at:  
Bay Campground - - - - - (22 campsites and 3 group campsites)  
Weather Station Campground - - - - (17 campsites and 3 group campsites)  
Popple Campground - - - - - (6 campsites and no group sites)  
Fires are permitted only in established fire rings. Passes and permits are available at the Fishtown Dock in Leland, Michigan and from the rangers on the island.

**North Manitou Island:** Backcountry wilderness camping is dispersed. There are also eight (8) designated sites at the Village. Camping is prohibited on any trail and within 300 feet of the Lake Michigan high water mark, lakes, streams, ponds, springs, buildings or other campers. Passes and permits are available at the Fishtown Dock in Leland, Michigan and from the rangers on the island.



# The Friends of Sleeping Bear Dunes



## Our Mission

*Dedicated to assisting in the preservation, restoration, and interpretation of the natural, cultural, historical, and recreational resources of Sleeping Bear Dunes National Lakeshore*

Founded in 1994, we begin our second decade in 2005



Above: A proposed project is the restoration of the fishing tug Aloha at Glen Haven. Right: In 2005 the friends plan to help in the preservation of the Treat Farm located south of Empire.

## The Uniqueness of the Friends

Sleeping Bear Dunes National Lakeshore is fortunate that more than 700 people annually do volunteer work for the park. Among these are many members of the Friends of Sleeping Bear Dunes. All volunteer activity is appreciated by park personnel because it helps in the achievement of the goals for which the park was established. People often ask, “What do the Friends do to help the park that differs from general volunteer work?” One of the main differences is that the friends can obtain and administer grants and memorial funds which individuals, companies, or other organizations wish to provide for the benefit of the Park.

Contact the Friends at:  
chairperson@  
friendsofsleepingbear.org



# Visit the Historic Olsen House

Home of Preserve Historic Sleeping Bear



Would you like to learn about the early settlers of Sleeping Bear? Step into the historic Charles and Hattie Olsen farmhouse to experience how maritime history transitioned to farming in the Lakeshore’s Port Oneida Rural Historic District, a community of 18 farms listed on the National Register of Historic Places. The Olsen house provides interpretation of these historic farmsteads and their maritime connection, through displays, maps, and field guides for individual exploration to surrounding sites.

The Olsen house was rehabilitated by Preserve Historic Sleeping Bear (*Preserve*), a non-profit organization partnering with the Park to help save the 369 historic structures and landscapes in Sleeping Bear Dunes National Lakeshore - its barns, farmhouses, cribs, coops, granaries, outhouses, log cabins, a lighthouse, and other historic resources that are conduits to our past.

Limited funds in the National Park Service led to the inception of *Preserve*, which since 1998 has sponsored volunteer projects on historic buildings and raised money to help the Lakeshore in funding preservation projects with much more work yet to be done.

The Olsen house shows what can be accomplished through partnerships, and *Preserve* encourages the adoption of historic structures and landscapes by other partners. Leading by example, *Preserve* is now the adaptive-use-partner for the Olsen house which serves as a venue to communicate the need for help with remaining preservation projects throughout the park.

If you would enjoy gaining an appreciation of the area’s history, exploring the trails to other historic farmsteads, or perhaps, supporting *Preserve*’s efforts through funding or volunteer assistance, come visit us at the Olsen farm.

For more information about *Preserve* Historic Sleeping Bear and its programs, call 334-6103, email phsb@leelanau.com, or visit our website at [www.phsb.org](http://www.phsb.org).

The Olsen House is located on M-22 about 3 miles north of Glen Arbor. Check our display at the Philip A. Hart Visitor Center for hours.



## Celebrating the Wild Wonders of Nature with All Ages Throughout the Seasons Since 1992

Shielding Tree Nature Center was officially formed as a non-profit, 501(c)(3) corporation in 1992, with the goal of providing a nature center for our regional community. The mission and purpose of Shielding Tree is to nurture in people of all ages an awareness and appreciation of our environment, and to strengthen our connection with the natural world.

On March 19, 1999, Shielding Tree Nature Center became the first non-profit group to sign a special use permit to occupy a historic property, the Lawr Farmstead, within Sleeping Bear Dunes National Lakeshore. Surrounded by open meadows, wetlands, ponds and wooded hills, Shielding Tree offers a peaceful respite from urban sprawl, yet is conveniently located just over 20 miles northwest of Traverse City, 4 miles north of Glen Arbor, and 12 miles south of Leland. The farmhouse contains hands-on displays, library, gift shop and offices. The restored portion of the barn is a 3-season shelter for our camps, programs, music and dancing. Once completed, the restored dairy addition to the barn will become a year-round classroom. The grounds include our Native Plant Display Garden, Organic Kitchen Garden, and Butterfly Garden. Our trails are always open, and we offer self-guided Discovery Kits the public may borrow to help you enjoy your explorations.

Restoration and maintenance of the buildings and grounds is the responsibility of Shielding Tree Nature Center. As a non-profit, volunteer organization, the Center could not exist without the efforts and support of our many wonderful members and volunteers. Please call us at 231-334-7649 for membership information or if you’d like to volunteer – opportunities for involvement abound!

**2005 PROGRAM SCHEDULE:** Our 2005 Program Schedule is available at the Center and Park headquarters. We update and add to our schedule regularly, so be sure to check our website for a complete list of events and activities at [www.shieldingtree.org](http://www.shieldingtree.org), or give us a call for more information.



Shielding Tree Nature Center  
3378 West Harbor Highway  
Maple City, MI 49664  
Phone: 231-334-7649  
Web: [www.shieldingtree.org](http://www.shieldingtree.org)



## Manitou Island Memorial Society

Beginning thirty-five years ago as a loosely organized annual reunion, “MIMS” has evolved as a “friends” organization dedicated to the Lakeshore’s North and South Manitou Islands.

Our mission is to help preserve and interpret the history and cultural traditions of the islands. Members are involved in research, fundraising, hands-on maintenance and restoration projects, and interpretation initiatives. Current projects include the restoration of South Manitou’s historic one-room schoolhouse; locating, identifying and appropriately marking historic burial sites on North Manitou; hosting a hands-on “old time toys” exhibit for youngsters at this year’s Port Oneida Fair; assembling a compendium of islanders’ oral histories; and studying the feasibility of restoring the offshore North Manitou Shoal Lighthouse.

The old reunion still meets each year at the Empire Township Hall on the last Saturday of July. It’s a time for renewing old friendships and making new friends. Everyone is welcome. Enjoy a free lunch, and participate in our annual meeting, which always includes an interesting and informative program. Next day, it’s our annual excursion to South Manitou Island, where everyone enjoys a catered picnic, a special memorial service at the



island’s historic cemetery, interpretive motor tours, and guided hikes ... all complements of the Memorial Society.

We are a membership organization, although there are no annual dues. We pride ourselves in openness and inclusiveness; our growing membership currently numbering over 450 persons of all ages and backgrounds, from Cape Cod to San Diego. The islands have a special way of getting into visitors’ hearts. When that happens to you, the Memorial Society is the place to nurture that enchantment.

MIMS Brochures are available at the Philip A. Hart Visitor Center in Empire, Manitou Island Transit ferry terminal in Leland, by writing to: PO Box 177, Empire, MI 49630, or sign-up online at [manitouislands.org](http://manitouislands.org).



2005 View From The Dunes

Park Information	
Park Headquarters	(231) 326-5134
Philip A. Hart Visitor Center	(231) 326-5134, ext 328
Platte River Campground	(231) 325-5881
D.H. Day Campground	(231) 334-4634
Sleeping Bear Dunes Website	www.nps.gov/slbe
Sleeping Bear Dunes Email Address	slbe_interpretation@nps.gov
Local Tourism Information	
Benzie County Chamber of Commerce	(231) 882-5801
	www.benzie.org
Leelanau County Chamber of Commerce	(231) 271-9895
	www.leelanauchamber.com
Traverse City Chamber of Commerce	(231) 947-5075
	www.tcchamber.org
Traverse City Convention	(231) 947-1120
& Visitors Bureau	www.tcvistor.com
IN CASE OF EMERGENCY - DIAL 911	
Sleeping Bear Dunes National Lakeshore is one of 388 National Park Service units. The National Park Service cares for special places saved by the American people so that all may experience our heritage.	

EXPERIENCE YOUR AMERICA

See What’s New At Our Eastern National Sales Outlets!



Philip A. Hart Visitor Center

The Philip A. Hart Visitor Center offers a large array of books,maps, postcards, games, and other fun & educational items related to the resources of the park. The center is located in Empire and is open year round except for Thanksgiving, Christmas, and New Years Day. From Memorial Day to Labor Day, the center is open 8:00 a.m. to 6:00 p.m. Between Labor Day and Memorial Day, the center is open from 9:00 a.m. to 4:00 p.m. Come see what’s new!



Dune Center Bookstore

The Dune Center Bookstore, at the base of the Dune Climb, features T-shirts, sweatshirts, hats, nature games, postcards, books, videos, and convenience items. It is open Memorial Day weekend through Labor Day from noon to 5:00 p.m. During June, the bookstore is closed Mondays through Thursdays.

Eastern National is a private, non-profit organization that provides quality educational products and services to park visitors. A portion of the proceeds are donated back to Sleeping Bear Dunes National Lakeshore to support interpretive and educational programs, including the printing of this publication. Visit us at [www.easternnational.org](http://www.easternnational.org) or [www.eparks.com](http://www.eparks.com).

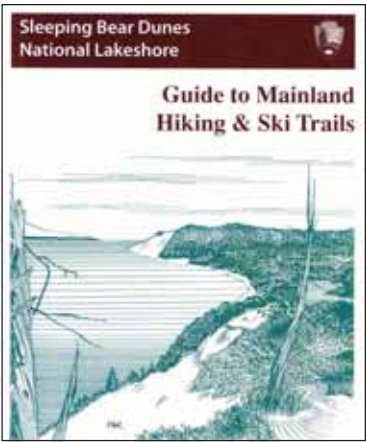


Serving America’s National Parks and Other Public Trusts



Glen Haven General Store

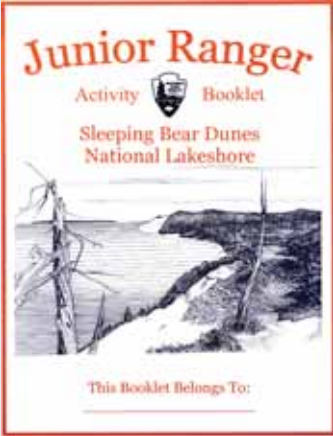
The Glen Haven General Store appears much as it did during the 1920s and features typical general store merchandise and items related to the history of the Glen Haven area, including kitchenware, food, toys, maritime related items and books. The store is open from Memorial Day weekend through Labor Day from noon to 5:00 p.m. During June, the store is closed Mondays through Thursdays.



A complete guide to all hiking and ski trails on the mainland.

Be A Junior Ranger!

Stop at any Eastern National sales outlet to buy your Junior Ranger Activity Booklet. The cost is only \$1.95 + tax. Complete the fun challenges throughout your visit and bring it back to the Visitor Center for your Junior Ranger Badge!



The Junior Ranger Book. Available at all Eastern National Sales Outlets. Check it out!



Complete the required sections in the Junior Ranger Booklet and receive a Junior Ranger Badge!